

## EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
L5	4	("6195315").PN.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/14 14:44
L6	9061	((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CQLS.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/14 16:33
L7	93	L6 and ((polari\$ with (diffract\$ or grating\$)) same wavelength\$) and (mirror\$3 or reflect\$ or deflect\$) and ((waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)) with wavelength with (half or "1/2"))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:34
L8	9	6 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and ((mirror\$3 or reflect\$ or deflect\$) with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)) with (half or "1/2") with surfac\$2)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:34
L9	27	hologra\$ and (polari\$ with (diffract\$ or grating\$)) and ((mirror\$3 or reflect\$ or deflect\$) with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)) with (half or "1/2") with surfac\$2)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:35
L10	329	((polari\$ with (diffract\$ or grating\$)) same wavelength\$) and (mirror\$3 or reflect\$ or deflect\$) and ((waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)) with wavelength with (half or "1/2"))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:43
L12	56	10 and (polari\$ near5 hologra\$)	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:42
L13	6	((polari\$ with (diffract\$ or grating\$)) same wavelength\$) and (mirror\$3 or reflect\$ or deflect\$) and ((waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)) with wavelength with (half or "1/2"))).clm.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:56
L14	9	((polari\$ with (diffract\$ or grating\$)) same wavelength\$) and ((waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)) with wavelength with (half or "1/2"))).clm.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:56

# EAST Search History

S1	1	("5748658").PN.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/05/24 11:04
S2	8523	((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CAL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/05/24 12:07
S3	487	S2 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and wavelength\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 10:21
S4	101	S3 and (half. with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/24 15:16
S5	1	jp-04248134-\$.did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/24 16:02
S6	106	S2 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (pickup or pick?up or (pick near3 up)) and cd and dvd	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/24 17:00
S7	2	jp-2001281432-\$.did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 18:39
S8	2	jp-2002311219-\$.did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/24 18:48
S9	2	jp-2002245660-\$.did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/24 19:08
S10	3	("6072579").PN.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/05/24 19:09

## EAST Search History

S11	54	hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) and cd and dvd	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 11:28
S12	149	hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) with (reflect\$ or deflect\$ or mirror))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 12:37
S13	54	S12 and ((pickup or pick?up or (pick near3 up) or head) with optic\$4)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 11:30
S14	53	hologra\$ and ((polari\$ with (diffract\$ or grating\$)) same (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) and (reflect\$ or deflect\$ or mirror) and (pickup or pick?up or (pick near3 up) or head)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 15:25
S15	21	hologra\$ and (polari\$ with (diffract\$ or grating\$)) and ((half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) with (reflect\$ or deflect\$ or mirror)) and cd and dvd	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 15:28
S16	7092	((pickup or pick?up or (pick near3 up) or head) with optic\$4) and ((reflect\$ or deflect\$ or mirror) with (silicon or semiconduct\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 17:02
S17	107	((pickup or pick?up or (pick near3 up) or head) with optic\$4) and ((reflect\$ or deflect\$ or mirror) near4 (silicon or semiconduct\$)) and (half near3 (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 19:01
S18	1	jp-61049731-\$.did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 18:40
S19	262	((pickup or pick?up or (pick near3 up) or head) with optic\$4) and (wavelength with polari\$ with (source or laser or diode) with parallel)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/25 19:02
S20	16	((pickup or pick?up or (pick near3 up) or head) with optic\$4) and (wavelength with polari\$ with (source or laser or diode) with parallel with (plural\$ or multipl\$5 or array\$ or seri\$2))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 09:48

## EAST Search History

S21	7	((pickup or pick?up or (pick near3 up) or head) with (optic\$4 or lase\$4)) and (wavelength with polari\$ with (mirror or reflect\$ or deflect\$) with parallel with (plural\$ or multipl\$5 or array\$ or seri\$2))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 10:22
S22	8	((pickup or pick?up or (pick near3 up) or head) with (optic\$4 or lase\$4)) and (wavelength with polari\$ with (mirror or reflect\$ or deflect\$) with (half near3 (waveplate or wave?plate or (wave near3 plate))))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 10:30
S23	1344	((pickup or pick?up or (pick near3 up) or head or laser)) and ((mirror or reflect\$ or deflect\$) with (half near3 (waveplate or wave?plate or (wave near3 plate))))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 10:43
S24	80	S23 and (polari\$ with (parallel or colinear\$ or co?linear\$ or coaxial\$ or co?axial\$)) and diffract\$ and hologra\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 10:44
S25	1622	((pickup or pick?up or (pick near3 up) or head or laser)) and ((mirror or reflect\$ or deflect\$) with (half near3 (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 12:27
S27	91	S25 and (polari\$ with (parallel or colinear\$ or co?linear\$ or coaxial\$ or co?axial\$)) and diffract\$ and hologra\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 11:41
S28	0	wo-0036597-\$ did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 11:41
S29	1	wo-200036597-\$ did.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 11:41
S30	115	((pickup or pick?up or (pick near3 up) or head or laser)) and ((mirror or reflect\$ or deflect\$) with (dispos\$4 or attach\$4) with (half near3 (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 12:28

# EAST Search History

S31	89	(US-20050105406-\$ or US-20040228257-\$ or US-20040213109-\$ or US-20030174631-\$ or US-20030123371-\$ or US-20050088948-\$ or US-20050063263-\$ or US-20050058051-\$ or US-20050036431-\$ or US-20050030880-\$ or US-20050025027-\$ or US-20040246874-\$ or US-20040233821-\$ or US-20040233533-\$ or US-20040213133-\$ or US-20040202088-\$ or US-20040190427-\$ or US-20040125454-\$ or US-20040017760-\$ or US-20040013076-\$ or US-20040008604-\$ or US-20040001419-\$ or US-20030072047-\$ or US-20030048736-\$ or US-20030021197-\$ or US-20020093902-\$).did. or (US-20020024916-\$ or US-20020018433-\$ or US-20020018432-\$ or US-20010050892-\$ or US-20050058027-\$ or US-20040174801-\$ or US-20030107979-\$ or US-20020114229-\$).did. or (US-5748658-\$ or US-6891147-\$ or US-6819646-\$ or US-6650612-\$ or US-6594042-\$ or US-6580674-\$ or US-6256122-\$ or US-6034939-\$ or US-6016301-\$ or US-5978344-\$ or US-5790502-\$ or US-5691830-\$ or US-5627806-\$ or US-5570333-\$ or US-5515353-\$ or US-5465247-\$ or US-5406543-\$ or US-4733065-\$ or US-6072579-\$ or US-6868055-\$ or US-6822771-\$ or US-6633530-\$ or US-6577582-\$ or US-6556533-\$ or US-6369377-\$ or US-6366548-\$).did. or (US-6351443-\$ or US-6320837-\$ or US-6130872-\$ or US-5986996-\$ or US-6529454-\$ or US-6314064-\$ or US-6278681-\$ or US-5903529-\$ or US-5870370-\$ or US-5768245-\$ or US-5732060-\$ or US-5581532-\$ or US-5546373-\$ or US-5488599-\$ or US-5381394-\$ or US-5157649-\$ or US-4935913-\$ or US-4905215-\$ or US-6272098-\$ or US-6195315-\$ or US-6574182-\$ or US-5673109-\$).did. or (JP-04248134-\$ or JP-2000011443-\$ or JP-06139642-\$ or JP-2002208165-\$ or JP-2001283457-\$ or JP-2000348374-\$).did. or (WO-200058960-\$).did.	US-P6PUB; USPAT; JPO; DERWENT	OR	ON	2005/05/31 17:38
S32	10	S31 and (bond\$ or wir\$3 or lead) and silicon	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/31 17:39
S33	8859	((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CCL5.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/02 16:48
S34	532	S33 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and wavelength\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/02 19:08
S35	109	S34 and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/02 16:48
S36	124	S33 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and (pickup or pick?up or (pick near3 up)) and cd and dvd	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/02 16:48
S37	21	("20010026523"   "20020003755"   "20020018432"   "20020018433"   "20020093902"   "20020196726"   "20040001419"   "5031978"   "5175642"   "5208800"   "5231620"   "5325348"   "5333231"   "5402154"   "5428588"   "5481636"   "5684779"   "5894464"   "5956302"   "6072579"   "6366548").PN.	US-P6PUB; USPAT; USOCR	OR	ON	2005/12/02 18:56

## EAST Search History

S38	140	S33 and hologra\$ and ((polari\$ near4 (diffract\$ or grating\$)) with wavelength) and (reflect\$ or deflect\$ or mirror)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/02 19:50
S39	44	S38 and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/02 19:10
S40	101	hologra\$ and ((polari\$ near4 (diffract\$ or grating\$)) with wavelength) and (reflect\$ or deflect\$ or mirror) and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/04 16:07
S41	2	("6,285,500").PN.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/04 15:41
S42	6	hologra\$ and (polari\$ near3 (diffract\$ or grating\$)) and ((attach\$4 or mount\$4 or dispos\$4) with (surface or face or facet) with (reflect\$ or deflect\$ or mirror) with ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/04 16:03
S43	50	(wavelength and (polari\$ near4 (diffract\$ or grating\$)) and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))).clm.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/04 16:21
S44	94	(wavelength and (polari\$ near4 (diffract\$ or grating\$)) and (diffract\$ near4 efficien\$)).clm.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/04 16:21
S45	8	S44 and ((orthogon\$ or normal\$3 or perpendic\$) and ((half or "1/2") with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))))).clm.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/04 16:22
S46	9061	((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CCL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 09:38
S47	552	S46 and hologra\$ and (polari\$ with (diffract\$ or grating\$)) and wavelength\$	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 10:24

## EAST Search History

S48	112	S47 and (half with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 09:38
S49	130	S46 and hologra\$ and ((polari\$ with (diffract\$ or grating\$)) and (pickup or pick?up or (pick near3 up)) and cd and dvd	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 09:39
S50	145	S46 and hologra\$ and ((polari\$ near4 (diffract\$ or grating\$)) with wavelength) and (reflect\$ or deflect\$ or mirror)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 09:39
S51	46	S50 and ((half or "1/2" with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 09:39
S53	119	S46 and hologra\$ and ((polari\$ with (diffract\$ or grating\$)) and (((mirror\$3 or reflect\$ or deflect\$) with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate))) same wavelength\$2)	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 17:28
S54	2	("6328484").PN	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 18:51
S55	9061	((359/566) or (359/15) or (359/569) or (359/486) or (359/495) or (359/619) or (369/112.03) or (369/112.04) or (369/112.05) or (369/112.06) or (369/112.07) or (369/112.1) or (369/112.11) or (369/112.12) or (369/112.15) or (369/112.16) or (369/112.17) or (369/112.18) or (369/112.19) or (369/121) or (369/122)).CCL.S.	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 20:28
S56	164	S55 and hologra\$ and ((polari\$ with (diffract\$ or grating\$)) same wavelength\$) and (((mirror\$3 or reflect\$ or deflect\$) with (waveplate or wave?plate or (wave near3 plate) or (wavelength near3 plate)))	US-P6PUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/14 16:31